CLAIMS

1. A method for identifying plausible sources of error in a risk assessment system, comprising:

identifying at least one variable of the risk assessment system;

determining a first hypothesis about the at least one variable;

providing an initial probability of the first hypothesis about the at least one variable;

identifying a change of value in the at least one variable of the risk assessment system;

determining an evidentiary finding based on the change of value in the at least one variable of the risk assessment system; and

evaluating the initial probability of the first hypothesis based on the evidentiary finding.

2. The method of claim 1, wherein the at least one variable of the risk assessment system comprises input data of the risk assessment system.

3. The method of claim 1, wherein the at least one variable of the risk assessment system comprises output data of the risk assessment system.

4. The method of claim 1, wherein the at least one variable of the risk assessment system comprises data external to the risk management system but related to the risk assessment system.

5. The method of claim 1, wherein the risk assessment system comprises a pre-settlement exposure server.

6. The method of claim 1, wherein the at least one variable of the risk assessment system comprises observable information.

7. The method of claim 1, wherein the at least one variable of the risk assessment system comprises a plurality of variables, and wherein a first one of the plurality of variables implicates a second one of the variables.

8. The method of claim 1, wherein determining a first hypothesis about the at least one variable comprises:

hypothesizing that the at least one variable has not changed in value.

9. The method of claim 1, wherein providing an initial probability of the first hypothesis comprises:

providing a prior probability of the at least one variable; and

providing an initial conditional probability of the at least one variable.

10. A method for identifying plausible sources of error in a financial risk assessment (FRA) system, comprising:

identifying a plurality of variables of the FRA system;

implementing a Bayesian network to represent implications between and among the plurality of variables;

generating an initial probability for each of the plurality of variables of the FRA system;

extracting observed data from one of the plurality of variables of the FRA system;

determining an evidentiary finding based on the extracted factual data from the one of the plurality of variables of the FRA system; and

assessing the initial probability for the one of the plurality of variables of the FRA system based on the evidentiary finding.

11. The method of claim 10, wherein the Bayesian network comprises a plurality of nodes corresponding to the plurality of variables.

12. The method of claim 11, further comprising:

assigning each one of the plurality of network nodes to one of the plurality of variables; and

assigning an initial probability to at least one of the plurality of network nodes;

13. The method of claim 10, wherein the plurality of variables comprise input data of the FRA system.

14. The method of claim 10, wherein one of the plurality of variables comprises information implicated from input data of the FRA system.

15. The method of claim 10, wherein the Bayesian network is implemented by a software having an applications program interface and a graphical user interface.

16. The method of claim 10, wherein generating the initial probability for each of the plurality of variables of the FRA system comprises:

setting each of the plurality of variables to a hypothesized state;

generating an initial probability for each of the plurality of variables in the set hypothesized state.

17. The method of claim 10, wherein the observed data comprise bias data and fact data about the one of the plurality of variables of the FRA system.

18. The method of claim 10, wherein extracting observed data from one of the plurality of variables of the FRA system comprises:

observing data from the one of the plurality of variables of the FRA system;

storing the observed data in a server archive; and

extracting the stored data out of the server archive.